TABLE OF CONTENTS Volume I of II

Cov	INTRODUCTION Purpose of this Document Organization of this Document Description of the Updated Master Plan and Comparative Impact Analysis			
Таві	LE OF C	CONTENTS	v	
Intr	ODUCT	ION	I-1	
	Purp	oose of this Document	I-1	
	Orga	anization of this Document	I-2	
	Desc		I-3	
		Introduction to the Updated Master Plan	I-4	
		Description of the Updated Master Plan	I-4	
		Comparative Impact Analysis	I-19	
1.0	RESPONSES TO COMMENTS ON THE DESCRIPTION OF THE PROPOSED PROJECT			
	1.1	Introduction	1-1	
	1.2	Project Overview	1-1	
	1.3	Project Description	1-1	
	1.4	Project Background, Need, Objectives and Benefits	1-6	
	1.5	Project Area Location	1-7	
	1.6	Project Design and Layout	1-7	
	1.7	Construction Process and Operations	1-19	
	1.8	Permits and Approvals Required	1-23	
2.0	RESI	RESPONSES TO COMMENTS ON NATURAL ENVIRONMENTAL RESOURCES		
	2.1	Geological Resources	2-1	
	2.2	Water Resources	2-1	
	2.3	Ecological Resources	2-10	
3.0	RESPONSES TO COMMENTS ON HUMAN ENVIRONMENTAL RESOURCES			
	3.1	Transportation Resources	3-1	
	3.2	Land Use, Zoning and Plans	3-4	
	3.3	Community Facilities and Services	3-18	
	3.4	Community Character	3-19	
	3.5	Cultural Resources	3-19	
4.0	RESPONSES TO COMMENTS ON OTHER REQUIRED SECTIONS			
	4.1	Construction-Related Impacts	4-1	
	4.2	Cumulative Impacts	4-2	
	4.3	Adverse Impacts that Cannot Be Avoided	4-4	
	4.4	Irreversible and Irretrievable Commitment of Resources	4-4	
	4.5	Effects on the Use and Conservation of Energy Resources	4-5	
	4.6	Impact on Public Health	4-5	
	4.7	Growth-Inducing Aspects	4-7	



	4.8	Summary of Mitigation Measures	4-14
5.0	RESPONSES TO COMMENTS ON ALTERNATIVES CONSIDERED		
	5.1		
	5.2	Alternatives 2A and 2B: Development per Current Zoning	5-1
		& Regulatory Controls	5-1
	5.3	Alternative 3: Development per the East Quogue LUP	5-3
	5.4	Alternative 4: Reduced Density	5-3
	5.5	Alternative 5: Alternative Site Designs	5-4
	5.6	Alternative 6: Alternative Technologies	5-4
	5.7	Alternative 7: Lesser Impact Alternative	5-4
	5.8	Summary and Conclusion	5-7
6.0	MISCELLANEOUS COMMENTS		
	6.1	Statements of Opposition to Project	6-1
	6.2	Statements of Support of Project	6-1
	6.3	School Enrollment	6-1
	6.4	Questions Regarding Site Employees during Off-Season	6-3
	6.5	Perceived Questionable Performance of Applicant at Baker's Ba	ıy
		and in East Quogue	6-3
	6.6	Prefer that the Site be Bought and Preserved for Public Open Si	pace 6-5
	6.7	Town Board Can and Should Impose Conditions on the Project,	•
		Reduce Potential Impacts	6-5
	6.8	Questions Regarding the Impartiality of the Town Board	
		Administration of the SEQRA Review and PDD Application	6-6
	6.9	Question Regarding the Authenticity of Signatures on Petitions	in
		Support of the Project	6-6
	6.10	Statement Supporting Deference to Facts Concerning Project	6-6
	6.11	Assertion that the Public Hearings were Unfair to Speakers	
		Opposed to the Project	6-6
	6.12	Suggested Town Board Resolution to Deny Application	6-7
	6.13	Questions Regarding the Completeness of Draft EIS with	
		Respect to the Scope and Provision of Alternative Plans	6-7
		Figures	
1-1	Soil F	Soil Removal Options following page	
2-1		JSEPA's PRZM-GW Conceptual Model 2-2	
3-1		ope Analysis within the PDD Coverage Area following page 3	



MAPS AND PLANS

(in pouches at the back of Volume I; all plans by VITA Planning and Landscape Architecture)

Updated PDD Master Plan, June 28, 2017

Updated PDD Color-Coded Master Plan, June 29, 2017

Updated PDD Coverage Plan, June 13, 2017

Updated PDD Landscape Concept Plan, June 28, 2017

Updated PDD Lot Coverage Diagram - PDD Woodland Estate, June 28, 2017

Updated PDD Lot Coverage Diagram - PDD Village Lot, June 28, 2017

Updated PDD Well Site Access Diagram, June 28, 2017

Construction Management Plan, June 28, 2017

Preliminary Plant List, June 28, 2017

Conceptual Plan: Alternative 2A (Hills South Parcel), June 27, 2017 Conceptual Plan: Alternative 2A (Kracke Property), June 13, 2017

Conceptual Plan: Alternatives 2A, 2B & 3 (Parlato Property), June 13, 2017

Conceptual Plan: Alternative 2B (Hills South Parcel/Kracke Property), June 27, 2017

PRD 2B Landscape Concept Plan, June 13, 2017

PRD 2B Coverage Plan, June 27, 2017

Lot Coverage Diagram - PRD Large Lot, June 13, 2017

Lot Coverage Diagram - PRD Small Lot, June 13, 2017

Volume II of II APPENDICES

A Miscellaneous SEQRA and Administrative Documents

- A-1 Resolution Deeming DEIS for Proposed Project Adequate for Public Review, Town Board, October 11, 2016 (updated October 12, 2016) & Memo Setting Date of Special Public Hearing, Town Supervisor, November 1, 2016
- A-2 Affidavits of Publishing, Special Public Hearing of November 7, 2016, Town Clerk, 11/3/16
- A-3 Letter Requesting Extension of Time Period for Written Comments, Wayne Bruyn, Esq., 2/21/17
- **B** Transcript of Special Public Hearing, Town Board, November 7, 2016
- C Notice of Special Public Hearing Date, and Hearing Transcript, Town Board, December 5, 2016
- **D** Notice of Special Public Hearing Date, and Hearing Transcript, Town Board, January 10, 2017
- E Notice of Special Public Hearing Date, and Hearing Transcript, Town Board, February 7, 2017
- **F** Written Public Comments
 - F-1 Comments on DEIS of the Hills PDD, Christopher J. Gobler, PhD., March 2017
 - F-2 Group for the East End Letter, March 28, 2017
 - F-3 Group for the East End Letter and Reduced Impact Alternative, March 31, 2017
 - F-4 Leggette, Brashears & Graham, Inc. Memo, November 7, 2016



- F-5 Analysis of Critical Issues within the 09/16/2016 Discovery LLC. MUPDD "Hills" DEIS Submission, Ron Nappi, undated
- F-6 Shinnecock Nation Letter, February 7, 2017
- F-7 Carolyn Zenk, Esq. Letter, September 29, 2016
- F-8 Carolyn Zenk, Esq. Letter, October 5, 2016
- F-9 Carolyn Zenk, Esq. Letter, October 12, 2016
- F-10 Carolyn Zenk, Esq. Letter, October 23, 2016
- F-11 Carolyn Zenk, Esq. Letter, November 21, 2016
- F-12 Carolyn Zenk, Esq. Letter, November 28, 2016
- F-13 Carolyn Zenk, Esq. Letter, March 27, 2017 (first)
- F-14 Carolyn Zenk, Esq. Letter, March 27, 2017 (second)

G Written Agency Comments

- G-1 Central Pine Barrens Joint Policy & Planning Commission, November 16, 2016
- G-2 Central Pine Barrens Joint Policy & Planning Commission, December 5, 2016
- G-3 Town Planning Consultant Review of the DEIS, AKRF, May 15, 2017

H Documents Regarding Baswood Advanced Wastewater Treatment System

- I Testimony at Special Public Hearings, Wayne D. Bruyn, Esq.
 - I-1 November 7, 2016
 - I-2 December 5, 2016
 - I-3 February 7, 2017

J Peer Reviews

- J-1 Technical Assessment of the Hills Golf Course and Residential Development Project, A.J. Turgeon, PhD., undated
- J-2 Review of ITHMP, Michael A. Fidanza, PhD., January 10, 2016
- J-3 Nitrogen Loading and Mitigation Evaluation, ZEB Environmental Solutions, Inc., June 28, 2017
- J-4 Review of SONIR Model, FPM, Inc., June 29, 2017

K Materials in Support of Comments Provided During Special Public Hearings

- K-1 Ron Nappi, Special Public Hearing of November 7, 2016
- K-2 Andrea Spilka, Special Public Hearing of January 10, 2017
- K-3 Richard Amper, Special Public Hearing of December 5, 2016
- K-4 Carolyn Zenk, Esq., Special Public Hearing of November 7, 2016

L Letters, Petitions, Cards, and E-mails

- L-1 Letters Opposed to Project (24 letters)
- L-2 Letters Supporting Project (48 letters)
- L-3 Petitions Supporting Project (1,884 petitions)
- L-4 Southampton Water Protection Alliance Cards (1,895 Opposed; 37 Supporting) & Applicant's Response
- L-5 E-mails Opposed to Project (49 e-mails)
- L-6 E-mails Supporting Project (22 e-mails)
- M Response to Report by Arthur Goldberg, Ph.D., "Pesticide Analysis of the Draft Environmental Impact Statement Submitted by Discovery Land Company for The Hills at Southampton Change of Zone Proposal from Five Acre Zone and Aquifer Protection Overlay District to Planned Development District (PDD) and Recommendations" (February 8, 2017), Stuart Z. Cohen, Ph.D., CGWP (Study



- Director) & N. LaJan Barnes, M.S., P.G. (Hydrogeologist), Environmental & Turf Services, Inc. Wheaton, MD
- N Bahamas Coral Reef Report Card, Volume I: 2011-2013, Dahlgren, C., K. Sherman, J. Lang, P.R. Kramer, & K. Marks. 2016.
- O Fiscal & Economic Impact Analysis, NP&V, LLC, Revised June 2017
- P Central Pine Barrens Clearinghouse Letter, December 3, 2015
- **O** PBC-Related Documents
 - Q-1 Available PBCs in the Town of Southampton as of June 1, 2017, CPB Clearinghouse
 - Q-2 Tax Lots of Land in East Quogue UFSD, to Possibly Generate PBCs
- **R** Water Resource and Nitrogen Budget-Related Documents
 - R-1 SONIR Computer Model User's Guide (Revised)
 - R-2 SONIR Computer Model Results, Updated Master Plan
 - R-3 SONIR Computer Model Results, Existing Conditions
 - R-4 SONIR Computer Model Results, Alternative 2a
 - R-5 SONIR Computer Model Results, GEE Equestrian Use Alternative
 - R-6 Intentionally left blank
 - R-7 Nitrogen Load Comparison Chart and Off-Site Benefit Analysis
 - R-8 April 25, 2017 Letter and Attachments from Mark Hissey, Senior Vice President, Discovery Land Company to Supervisor Jay Schneiderman and the Town Board
 - R-9 Water Resource Technical Meeting Minutes February 1, 2017 & March 17, 2017
- **S** Materials in Support of Response to Fertigation Comment, Section 1.6.6, P.W. Grosser Consulting, Inc.
- T Materials in Support of Response to GEE Reduced-Impact Alternative
- U Yield Map East Quogue Development LLC (33 acre parcel)
- V Community Benefit Table
- X Draft The Hills at Southampton MUPDD Law

